

# MATERIAL SAFETY DATA SHEET

Trade Name: Non-Phosphate Chlorine Bleach #8789

Prepared: August 28, 2000

Revised: March 2004

## Section I - Source Information:

Manufacturer's Name: Michigan State Industries, Inc.  
Address: Scott Correctional Facility  
Emergency Phone: (734) 459-7400 x311 / 320  
(800) 222-1222 Poison Control  
Technical Information: (734) 459-7400 x311 / 320  
Chemical Name: Disinfectant

## Section II - Hazardous Ingredients/Identify Information:

<u>Hazardous Components</u>	<u>CAS No.</u>	<u>OSHA PEL*</u>	<u>ACGIH TLV*</u>	<u>Percentage</u>
Sodium Sulfate	7757-82-6	None		

\*Exposure limits expressed as eight-hour time-weighted average concentrations in parts of contaminant per million parts of air by volume(ppm)."Other Limits" are recommended by the National Institute for Occupational Safety and Health (NIOSH) and are time-weighted over ten hours unless otherwise specified.

## Section III - Physical/Chemical Characteristics:

<u>Boiling Point:</u>	N/A	<u>Specific Gravity:</u>	1.21
<u>Vapor Pressure:</u>	N/A	<u>Vapor Density:</u>	N/A
<u>Evaporation Rate: (Ethyl Ether = 1):</u>	N/A	<u>Solubility in Water:</u>	100%
<u>Appearance and Color:</u>	White powder with slight odor		

## Section IV- Fire and Explosion Hazard Data:

Flash Point: N/A Flammable Limits: LEL: N/A UEL: N/A  
Extinguishing Media: Water, dry chemical, foam or carbon dioxide  
Special Fire Fighting Procedures: Fire fighters should wear self-contained breathing apparatus and protective clothing.  
Unusual Fire and Explosion Hazards:

NFPA 704

Health -	1	HAZARDS 4 - Extreme 3 - Severe 2 - Moderate 1 - Slight 0 - None
Fire -	0	
Reactivity-	1	

## Section V - Reactivity Data:

Stability: STABLE  
Incompatibility (Conditions to avoid): Can react with aluminum, phosphoric acid, sulfuric acid, fluoride, lithium, 2,4,6-Trinitro-toluene  
Hazardous Polymerization: None known  
Hazardous Decomposition Products: When heated to decomposition may emit fumes of Na<sub>2</sub>O, PO<sub>x</sub> and SO<sub>x</sub>, CO<sub>2</sub>.

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**Section VI - Health Hazard Data:**

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Routes of Entry: Contact, ingestion

Health Hazards:     *Acute:*                   Respiratory changes, increased urine volume, sodium level changes

*Chronic:*

*Target Organs:* Eyes and skin

Carcinogenicity:    *NTP:* No               *IARC:* No               *OSHA:* No

Signs and Symptoms of Exposure: Eye and skin irritant. Ingestion of large amounts may cause catharsis, hemorrhages from the intestine.

Medical Conditions Generally Aggravated by Exposure:

Emergency and First Aid Procedures:

*Eye:*                   If this product contacts the eyes, promptly wash the eyes with large amounts of water, occasionally lifting the lower and upper lids. Get medical attention if any discomfort continues.

*Swallow:*            If this product has been swallowed, get medical attention immediately.

*Skin:*                 If this product contacts the skin, flush the contaminated skin with water promptly. If this product penetrates the clothing, immediately remove the clothing and flush the skin with water promptly, if irritation persists after washing, get medical attention.

*Breathing:*         If a person breathes large amounts of this product, move the exposed person to fresh air at once. Other measures are usually unnecessary.

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**Section VII - Precautions for Safe Handling and Use:**

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Steps to be taken in Case of Material Release or Spill: Collect spilled material, properly dispose of unusable product. Residue may be flushed to sanitary sewer with large amounts of water.

Waste Disposal Method: This product is not listed in the federal hazardous waste regulations 40CFR 261.33, paragraphs (e) or (f), i.e. chemical products that are considered hazardous if they become wastes. It does not exhibit any of the hazardous characteristics listed in 40CFR 261, Subpart C. State or local hazardous waste regulations may apply if different from federal.

Precautions to be taken in Handling and Storing: Keep dry

Other Precautions:

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**Section VIII - Control Measures:**

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Respiratory Protection: None required under normal conditions

Ventilation: None required under normal conditions

Protective Gloves: Chemically resistant

Eye Protection: Wear appropriate glasses, goggles or face shield to prevent eye contact.

Other Protective Clothing or Equipment: Wear appropriate personal protective clothing to prevent skin contact.

Work/Hygienic Practices:

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**Section IX-Additional Information:**

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DOT Shipping Name: N/A

Hazard Class: N/A

This product contains the following compounds which are subject to the reporting requirements of Section 313 of Title III of SARA and 40 CFR 372:

<u>Constituent</u>	<u>CAS #</u>	<u>Concentration</u>
None		

This notification of reporting requirements cannot be removed from this MSDS and the copying and redistribution of this document must include this notice.

The information accumulated herein is believed to be accurate, but is not warranted to be, whether originated with Michigan State Industries, Inc. or not. Recipients are advised to confirm in advance of need that the information is current, applicable, and suitable to their circumstances.